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STATE OF HAWAII
PUBLIC UTILITIES COMMISSION
DEPARTMENT OF BUDGET AND FINANCE
465 S. KING STREET, #103
HONOLULU, HAWAII 96813

December 3, 2004

To Parties and Participants:

Re: Docket No. 03-0371, In the Matter of Public Utilities Commission Instituting a Proceeding to Investigate Distributed Generation in Hawaii.

Enclosed please find a copy of the Commission's draft hearing agenda for the distributed generation hearings scheduled for December 8-10, 2004. The Parties and Participants should submit any request for changes by December 6, 2004. The Commission will allow only one cross-examiner per party, per panel; and one presenter of closing comments.

For purposes of planning, the Commission assumed equal cross-examination time by each party. However, it is unlikely that each party will need or wish equal time for each panel. Therefore, the Parties and Participants may wish to consider rearranging the cross-examination time allocations within each panel. Any rearrangement should be reported to the Commission by Tuesday, December 7, 2004, through a single filing.

Further, given the short amount of time for cross-examination and the large number of potential examiners, the Commission encourages the Parties and Participants to pool their questions, and for individual questioners to plan and time their questions to stay on pace.

If you have any questions, please contact Kevin Katsura at (808) 586-2019. Thank you for your assistance on this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "K. M. Katsura", written over a horizontal line.

Kevin M. Katsura
Commission Counsel

KMK:cs

Enclosure

PARTIES AND PARTICIPANTS

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**Hawaii Public Utilities Commission
Docket No. 03-0371 (Distributed Generation)
Hearing Agenda
Dec. 8-10, 2004**

DECEMBER 8, 2004

**Preliminary Hearing Issues
(8:30 a.m.)**

PLANNING ISSUES

**Panel A
(8:45 a.m.-10:15 a.m.)**

1. What forms of distributed generation (e.g., renewable energy facilities, hybrid renewable energy systems, generation, cogeneration) are feasible and viable for Hawaii?

Commission Questions - 8:45 a.m.

<i>Company Name</i>	<i>Panelist(s)</i>
<i>HECO, MECO, HELCO</i>	<i>Scott Seu, Arthur Seki, & Ross Sakuda</i>
<i>KIUC</i>	<i>N. Richard Friedman & Joe McCawley</i>
<i>DIVISION OF CONSUMER ADVOCACY</i>	<i>Joseph A. Herz</i>
<i>HESS MICROGEN</i>	<i>Michael Gregg</i>
<i>LIFE OF THE LAND</i>	<i>Henry Curtis</i>
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	<i>Warren Bollmeier</i>
<i>COUNTY OF KAUAI</i>	<i>Glenn Sato</i>
<i>COUNTY OF MAUI</i>	<i>Kal Kobayashi</i>

Cross Examination: 9:30 a.m.

<i>Company Name</i>	<i>Cross Examiner</i>
<i>HECO, MECO, HELCO</i>	<i>Thomas Williams</i>
<i>KIUC</i>	<i>Alan Oshima</i>
<i>DIVISION OF CONSUMER ADVOCACY</i>	<i>Jon S. Itomura</i>
<i>HESS MICROGEN</i>	<i>Sandra-Ann Wong</i>
<i>LIFE OF THE LAND</i>	<i>Henry Curtis</i>
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	<i>Warren Bollmeier</i>
<i>COUNTY OF KAUAI</i>	<i>Christiane Nakea-Tresler</i>
<i>COUNTY OF MAUI</i>	<i>Cindy Young</i>

BREAK (10:15 a.m. – 10:30 a.m.)

**Panel B
(10:30 a.m. – 12:45 p.m.) (1:45 p.m. – 4:00 p.m.)**

2. Who should own and operate distributed generation projects?

Commission Questions – 10:30 a.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	Scott Seu & William Bonnet
KIUC	N. Richard Friedman and Mike Yamane
DIVISION OF CONSUMER ADVOCACY	Joseph A. Herz
HESS MICROGEN	Michael Gregg
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Glenn Sato
COUNTY OF MAUI	Kal Kobayashi & Jim Lazar

LUNCH BREAK 12:45 p.m. – 1:45 p.m.

Cross Examination – 1:45 p.m.

<i>Company Name</i>	<i>Cross Examiner</i>
KIUC	Alan Oshima
DIVISION OF CONSUMER ADVOCACY	Jon S. Itomura
HESS MICROGEN	Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Christiane Nakea-Tresler
COUNTY OF MAUI	Cindy Young
HECO, MECO, HELCO	Thomas Williams

BREAK (4:00 p.m. – 4:15 p.m.)

Panel C

(4:15- p.m. – 5:00 p.m.)

3. What is the role of the regulated electric utility companies and the commission in the deployment of distributed generation in Hawaii?

Commission Questions – 4:15 p.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	Scott Seu & William Bonnet
KIUC	N. Richard Friedman and Mike Yamane
DIVISION OF CONSUMER ADVOCACY	Joseph A. Herz
HESS MICROGEN	Michael Gregg
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Glenn Sato
COUNTY OF MAUI	Kal Kobayashi & Jim Lazar

ADJOURN DAY 1 (5:00 p.m.)

DECEMBER 9, 2004

Convene Hearing (8:30 a.m.)

**Panel C (Cont.)
(8:35 a.m. – 9:20 a.m.)**

Cross Examination – 8:35 a.m.

<i>Company Name</i>	<i>Cross Examiner</i>
DIVISION OF CONSUMER ADVOCACY	<i>Jon S. Itomura</i>
HESS MICROGEN	<i>Sandra-Ann Wong</i>
LIFE OF THE LAND	<i>Henry Curtis</i>
HAWAII RENEWABLE ENERGY ALLIANCE	<i>Warren Bollmeier</i>
COUNTY OF KAUAI	<i>Christiane Nakea-Tresler</i>
COUNTY OF MAUI	<i>Kal Kobayashi</i>
HECO, MECO, HELCO	<i>Thomas Williams</i>
KIUC	<i>Alan Oshima</i>

IMPACT ISSUES

**Panel D
(9:20 a.m. – 10:50 a.m.)**

4. What impacts, if any, will distributed generation have on Hawaii's electric transmission and distribution systems and market?
5. What are the impacts of distributed generation on power quality and reliability?

Commission Questions – 9:20 a.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	<i>Scott Seu & Shari Ishikawa</i>
KIUC	<i>N. Richard Friedman and Mike Yamane</i>
DIVISION OF CONSUMER ADVOCACY	<i>Joseph A. Herz</i>
HESS MICROGEN	<i>Michael Gregg</i>
LIFE OF THE LAND	<i>Henry Curtis</i>
HAWAII RENEWABLE ENERGY ALLIANCE	<i>Warren Bollmeier</i>
COUNTY OF KAUAI	<i>Glenn Sato</i>
COUNTY OF MAUI	<i>Kal Kobayashi & Jim Lazar</i>

Cross Examination – 10:05 a.m.

<i>Company Name</i>	<i>Cross Examiner</i>
HESS MICROGEN	Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Christiane Nakea-Tresler
COUNTY OF MAUI	Kal Kobayashi
HECO, MECO, HELCO	Thomas Williams
KIUC	Alan Oshima
DIVISION OF CONSUMER ADVOCACY	Jon S. Itomura

BREAK (10:50 a.m. – 11:05 a.m.)

Panel E
(11:05 a.m. – 12:05 p.m.)

6. What utility costs can be avoided by distributed generation?
7. What are the externalities costs and benefits of distributed generation.
8. What is the potential for distributed generation to reduce the use of fossil fuels?

Commission Questions – 11:05 a.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	Scott Seu, Ross Sakuda & Shari Ishikawa
KIUC	N. Richard Friedman & Joe McCawley
DIVISION OF CONSUMER ADVOCACY	Joseph A. Herz
HESS MICROGEN	Michael Gregg/ Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis & Jessica Wooley
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Glenn Sato
COUNTY OF MAUI	Kal Kobayashi & Jim Lazar

Cross Examination – 11:25 a.m.

<i>Company Name</i>	<i>Cross Examiner</i>
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Christiane Nakea-Tresler
COUNTY OF MAUI	Kal Kobayashi
HECO, MECO, HELCO	Thomas Williams
KIUC	Alan Oshima
DIVISION OF CONSUMER ADVOCACY	Jon S. Itomura
HESS MICROGEN	Sandra-Ann Wong

LUNCH BREAK (12:05 p.m. – 1:05 p.m.)

IMPLEMENTATION ISSUES

Panel F
(1:05 p.m. – 3:20 p.m.)

9. What must be considered to allow a distributed generating facility to interconnect with the electric utility's grid?

Commission Questions – 1:05 p.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	Scott Seu & Shari Ishikawa
KIUC	N. Richard Friedman and Mike Yamane
DIVISION OF CONSUMER ADVOCACY	Joseph A. Herz
HESS MICROGEN	Michael Gregg/ Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Glenn Sato
COUNTY OF MAUI	Jim Lazar

Cross Examination – 2:12 p.m.

<i>Company Name</i>	<i>Cross Examiner</i>
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Christiane Nakea-Tresler
COUNTY OF MAUI	Kal Kobayashi
HECO, MECO, HELCO	Thomas Williams
KIUC	Alan Oshima
DIVISION OF CONSUMER ADVOCACY	Jon S. Itomura
HESS MICROGEN	Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis

Panel G
(3:20 p.m. – 4:20 p.m.)

10. What are the appropriate rate design and cost allocation issues that must be considered with the deployment of distributed generation facilities?

Commission Questions – 3:20 p.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	Estrella Seese, Douglas Gegax, & Scott Seu
KIUC	N. Richard Friedman & Joe McCawley
DIVISION OF CONSUMER ADVOCACY	Joseph A. Herz
HESS MICROGEN	NONE
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Glenn Sato
COUNTY OF MAUI	Jim Lazar

ADJOURN DAY 2 (4:20 p.m.)

DECEMBER 10, 2004

Convene Hearing (8:30 a.m.)

Panel G (Cont.)

(8:35 a.m. – 10:35 p.m.)

(10:50 a.m.-11:50 a.m.)

10. What are the appropriate rate design and cost allocation issues that must be considered with the deployment of distributed generation facilities?

Commission Questions (Cont.) – 8:35 a.m.

<i>Company Name</i>	<i>Panelist(s)</i>
<i>HECO, MECO, HELCO</i>	<i>Estrella Seese, Douglas Gegax, & Scott Seu</i>
<i>KIUC</i>	<i>N. Richard Friedman & Joe McCawley</i>
<i>DIVISION OF CONSUMER ADVOCACY</i>	<i>Joseph A. Herz</i>
<i>HESS MICROGEN</i>	<i>NONE</i>
<i>LIFE OF THE LAND</i>	<i>Henry Curtis</i>
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	<i>Warren Bollmeier</i>
<i>COUNTY OF KAUAI</i>	<i>Glenn Sato</i>
<i>COUNTY OF MAUI</i>	<i>Jim Lazar</i>

Cross Examination – 9:35 a.m.

<i>Company Name</i>	<i>Cross Examiner</i>
<i>COUNTY OF KAUAI</i>	<i>Christiane Nakea-Tresler</i>
<i>COUNTY OF MAUI</i>	<i>Kal Kobayashi</i>
<i>HECO, MECO, HELCO</i>	<i>Thomas Williams</i>
<i>KIUC</i>	<i>Alan Oshima</i>

BREAK (10:35-10:50)

Cross Examination (Cont.) – 10:50 a.m

<i>Company Name</i>	<i>Cross Examiner</i>
<i>DIVISION OF CONSUMER ADVOCACY</i>	<i>Jon S. Itomura</i>
<i>HESS MICROGEN</i>	<i>Sandra-Ann Wong</i>
<i>LIFE OF THE LAND</i>	<i>Henry Curtis</i>
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	<i>Warren Bollmeier</i>

LUNCH BREAK (11:50 a.m. – 12:50 p.m.)

Panel H

(12:50 p.m. – 3:05 p.m.)

11. What revisions should be made to the integrated resource planning process?

12. What revisions should be made to state administrative rules and utility rules and practices to facilitate the successful deployment of distributed generation?

Commission Questions – 12:50 p.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	<i>Scott Seu, Ross Sakuda & William Bonnet</i>
KIUC	<i>N. Richard Friedman & Joe McCawley</i>
DIVISION OF CONSUMER ADVOCACY	<i>Joseph A. Herz</i>
HESS MICROGEN	<i>Michael Gregg/ Sandra-Ann Wong</i>
LIFE OF THE LAND	<i>Henry Curtis</i>
HAWAII RENEWABLE ENERGY ALLIANCE	<i>Warren Bollmeier</i>
COUNTY OF KAUAI	<i>Glenn Sato</i>
COUNTY OF MAUI	<i>Kal Kobayashi</i>

Cross Examination – 1:55 p.m.

<i>Company Name</i>	<i>Cross Examiner</i>
COUNTY OF MAUI	<i>Kal Kobayashi</i>
HECO, MECO, HELCO	<i>Thomas Williams</i>
KIUC	<i>Alan Oshima</i>
DIVISION OF CONSUMER ADVOCACY	<i>Jon S. Itomura</i>
HESS MICROGEN	<i>Sandra-Ann Wong</i>
LIFE OF THE LAND	<i>Henry Curtis</i>
HAWAII RENEWABLE ENERGY ALLIANCE	<i>Warren Bollmeier</i>
COUNTY OF KAUAI	<i>Christiane Nakea-Tresler</i>

BREAK (3:05 p.m. – 3:20 p.m.)

**Closing Comments
(3:05 p.m. – 4:25 p.m.)**

Presenters:

<i>Company Name</i>	<i>Presenter</i>
HECO, MECO, HELCO	<i>Thomas Williams</i>
KIUC	<i>Mike Yamane</i>
DIVISION OF CONSUMER ADVOCACY	<i>Jon S. Itomura</i>
HESS MICROGEN	<i>Sandra-Ann Wong</i>
LIFE OF THE LAND	<i>Henry Curtis</i>
HAWAII RENEWABLE ENERGY ALLIANCE	<i>Warren Bollmeier</i>
COUNTY OF KAUAI	<i>Glenn Sato</i>
COUNTY OF MAUI	<i>Kal Kobayashi</i>

ADJOURN DAY 3 (4:25 p.m.)